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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/808,176	03/23/2004	Cary A. Jardin	XP.002CP2	4824
27189	7590	10/02/2006	EXAMINER	
PROCOPIO, CORY, HARGREAVES & SAVITCH LLP 530 B STREET SUITE 2100 SAN DIEGO, CA 92101			LEE, WILSON	
			ART UNIT	PAPER NUMBER
			2163	

DATE MAILED: 10/02/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/808,176

Applicant(s)

JARDIN

Examiner

Wilson Lee

Art Unit

2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_.

### **Claim Rejections – 35 U.S.C. 102**

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by  
Chandra et al. (US publication 2002/0138582).

Regarding Claim 1, Chandra a primary controller for receiving and executing database query and write commands in a distributed database system, the primary controller comprising:

- a table distribution processing module for receiving a database write command (See paragraph 0693) and determining a node on which data (a process template) for said database write command is to be stored (see paragraph 0700);
- a pivot table (spreadsheet) (See paragraph 0507) processing module for determining a pivot table from a plurality of join tables (join groups, combine with other building blocks) (See paragraph 0377, 0458, 0534);
- a query distribution processing module (See paragraphs 0308, 0336, 0340, 0548) for sending a database query command, determining how to

build a join table, and sending information on how to build said join table (Figure 5 and paragraphs 0377, 0458, 0534);

- a results file receipt processing module for receiving an intermediate results file and storing said intermediate results file (See paragraph 0037, 0698, Claims 49, 54, 55); and
- a final results file build processing module for processing said intermediate results file and building a final results file that represents the final results of said database query command (See paragraphs 0272, 0703, 0816).

Regarding Claim 2, Chandra discloses the primary controller further comprising a results file post processing module for performing post-processing operations (modify, approve, disapprove) on said final results file (See paragraph 0272).

Regarding Claim 3, Chandra discloses that the post processing operations comprise removing duplicate entries (delete what is used, and modify document) from said final results file (See paragraphs 0272, 0648, 0656, 0693).

Regarding Claim 4, Chandra discloses the primary controller further comprising a node interface processing module for sending outgoing data from the primary front end processor and receiving incoming data for the primary front end processor (See paragraphs 0040, 0043).

Regarding Claim 5, Chandra discloses a primary controller for receiving and executing a database query command and write command in a distributed database

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system having a plurality of database tables stored on more than one node, a portion of each database table stored on each node, the primary controller comprising:

- a node interface processing module configured to receive a primary query command and a write command (See paragraph 0336);
- a table distribution processing module configured to receive said write command from said node interface processing module and determine a node on which data for said database write command is to be stored (See paragraph 0700);
- a pivot table processing module (spreadsheet) (See paragraph 0507) configured to receive said primary query command from said node interface processing module and determine which of said plurality of database tables (join groups, combine with other building blocks) (See paragraphs 0377, 0458, 0534) is to be a pivot table, wherein said pivot table is selected from said plurality of databases tables and is not sent to other nodes;
- a query distribution processing module configured to
  - o send a secondary query command to the other nodes (See paragraph 0308),
- determine a join table build definition (Figure 5 and paragraphs 0377, 0458, 0534), and
  - o send information on how to build said join table to the other nodes;

- a results file receipt processing module for receiving an intermediate results file and storing said intermediate results file (See paragraphs 0037, 0698, Claims 49, 54, 55); and
- a final results file build processing module for processing said intermediate results file and building a final results file that represents the final results of said primary query command (See paragraphs 0272, 0703, 0816).

Regarding Claim 6, Chandra discloses primary controller further comprising a results file post processing module for performing post-processing operations (modify, approve, disapprove) on said final results file (See paragraphs 0272, 0821, 0825, Claim 51).

Regarding Claim 7, Chandra discloses that the post processing operations comprise removing duplicate entries (delete what is used, and modify document) from said final results file (See paragraphs 0272, 0648, 0656, 0693).

Regarding Claim 8, Chandra discloses that the post processing operations further comprise ordering entries (request to display) in said final results file (See paragraphs 0043, 0187, Claim 27).

Regarding Claim 9, Chandra discloses the primary controller further comprising a node interface processing module for sending outgoing data from the primary front end processor and receiving incoming data for the primary front end processor (See paragraphs 0040, 0043).

Regarding Claim 10, Chandra discloses a method of receiving and executing database query and write commands in a distributed database system, the method comprising:

- receiving a database write command and determining a node on which data for said database write command is to be stored (See paragraphs 0308, 0336, 0340, 0547, 0548, 0693, 0700);
- determining a pivot table (spreadsheet) (See paragraph 0507) from a plurality of join tables (join groups, combine with other building blocks) (See paragraphs 0377, 0458, 0534);
- sending a database query command (See paragraphs 0308, 0336, 0340, 0547, 0548, 0693, 0700);;
- determining how to build a join table (See Figure 5 and paragraphs 0377, 0458, 0534);
- sending information on how to build said join table (See Figure 5 and paragraphs 0377, 0458, 0534);
- receiving an intermediate results file and storing said intermediate results file (See paragraphs 0037, 0698, Claims 49, 54, 55); and
- processing said intermediate results file and building a final results file that represents the final results of said database query command (See paragraphs 0272, 0703, 0816).

Regarding Claim 11, Chandra discloses the method further comprising performing post-processing operations (modify, approve, disapprove) on said final results file (See paragraph 0272).

Regarding Claim 12, Chandra discloses that the post processing operations comprise removing duplicate entries (delete what is used, and modify document) from said final results file (See paragraphs 0272, 0648, 0656, 0693).

Regarding Claim 13, Chandra discloses a method of receiving and executing a database query command and write command in a distributed database system having a plurality of database tables stored on more than one node, a portion of each database table stored on each node, the method comprising:

- receiving a primary query command and a write command (See paragraphs 0308, 0336, 0340, 0547, 0548, 0693, 0700);
- receiving said write command and determining a node on which data for said database write command is to be stored (See paragraphs 0693, 0700);
- receiving said primary query command and determining which of said plurality of database tables is to be a pivot table (spreadsheet), wherein said pivot table is selected from said plurality of databases tables and is not sent to other nodes (See paragraph 0507);
- sending a secondary query command to the other nodes (See paragraphs 0308, 0336, 0340, 0547, 0548);



- determining a join table build definition (See Figure 5 and paragraphs 0377, 0458, 0534);
- sending information on how to build said join table (join groups, combine with other building blocks) to the other nodes (Figure 5 and paragraphs 0377, 0458, 0534);
- receiving an intermediate results file and storing said intermediate results file (See paragraphs 0037, 0698, Claims 49, 54, 55); and
- processing said intermediate results file and building a final results file that represents the final results of said primary query command (See paragraphs 0272, 0703, 0816).

Regarding Claim 14, Chandra discloses the method further comprising performing post-processing operations (modify, approve, disapprove) on said final results file (See paragraph 0272).

Regarding Claim 15, Chandra discloses that the post processing operations comprise removing duplicate entries (delete what is used, and modify document) from said final results file (See paragraphs 0272, 0648, 0656, 0693).

Regarding Claim 16, Chandra discloses that the post processing operations comprise ordering entries (request to display) in the final results file (See paragraphs 0043, 0187, Claim 27).


### **Conclusion**

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chen (7,111,010) discloses a method and system for managing

event attributes. Conlon et al. (6,411,313) discloses a user interface for creating a spreadsheet pivot-table. Sofman (5,937,042) discloses a method and system for rehome optimization. Amado (5,701,400) discloses a method and apparatus for applying in-then-else rules to data sets in a relation database. Bridges (5,548,770) discloses a method and apparatus for improving retrieval of data from a database.

### **Correspondence**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Wilson Lee whose telephone number is (571) 272-1824. Papers related to the application may be submitted by facsimile transmission. Any transmission not to be considered an official response must be clearly marked "DRAFT". The official fax number is (571) 273-8300. Information regarding the status of an application may be obtained from the Patent Application Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Wilson Lee', is written over a horizontal line.

Wilson Lee  
Primary Examiner  
U.S. Patent & Trademark Office

9/26/06